

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

1. (Currently Amended) An arrangement for using bioactive or osteoinductive material to build up a bone-based lateral support (18,18') for at least one implant (6) arranged in an assigned jaw bone hole (2e) ~~and where the~~ comprising an implant is arranged so that it can ~~to~~ be completely or partially covered by soft tissue, with or without the periosteum of the jaw bone, or by a unit applied to the jaw bone, ~~and where the implant, when completely or partially covered,~~ wherein the implant forms one or more spaces together with the soft tissue and the possible periosteum and/or the unit and the upper or lateral surface(s) of the jaw bone in question, and cell-containing body fluid penetrates into ~~this space or these spaces~~ the one or more spaces from at least said the jaw bone, ~~characterized in that the~~ wherein bioactive or osteoinductive material ~~comprises~~ comprising GSS comprising matrix molecules, growth factors and differentiation factors and/or peptides with growth-stimulating properties, arranged in or on the implant, which GSS, in a stage of incorporation following the an initial stage, passes into ~~each closed space~~ the one or more spaces and interacts or integrates with said the cells and thus forms the a bone-based lateral support for the implant.

2. (Currently Amended) The arrangement ~~as claimed in patent of~~ claim 1, characterized in that the jaw bone hole (2e) ~~and thus the~~ implant (6) have a position which is offset in relation to the real center line of the jaw bone in the horizontal plane, so that the implant in said the initial stage has first-side surface parts or outer thread parts which have a greater degree of exposure than other side surface parts or outer thread parts, ~~and after the stage of incorporation the bone-based lateral support is intended to give the first side surface parts or outer thread parts an increased degree of bone coverage or increased degrees of bone coverage.~~

3. (Currently Amended) The arrangement ~~as claimed in patent of~~ claim 1, characterized in that two or more implants ~~which are arranged along the horizontal extent of the~~ jaw bone in assigned jaw bone holes ~~and are arranged in conjunction with defects or~~ irregularities in depth and/or the lateral direction(s), and in that, in the stage of incorporation, they bone-based lateral support ~~substantially fill~~ fills the jaw bone defects and irregularities and ~~give to give the implant two or more implants a substantial~~ substantially the same degree of recessing after the stage of incorporation.

4. (Currently Amended) The arrangement ~~as claimed in patent of~~ claim 1, characterized in that, in the case of a jaw bone greatly degenerated in the vertical direction, all the implants are given bone-based lateral supports extending substantially identically in the vertical direction.

5. (Currently Amended) The arrangement ~~as claimed in patent of~~ claim 1, characterized in that, first portions ~~(6a)~~ of each implant with a greater degree of exposure than other portions ~~(6b)~~ of the implant or implants are covered with GSS with a greater or lesser degree of concentration of GSS than the other portions.

6. (Currently Amended) The arrangement ~~as claimed in~~ of claim 1, characterized in that the unit ~~(19)~~ can be temporarily or permanently attached to the jaw bone, the unit, when temporarily attached, being applied during the initial and incorporation stages.

7. (Currently Amended) The arrangement ~~as claimed in patent of~~ claim 6, characterized in that the unit has an internally curved surface ~~(19a)~~ which, when the unit is applied, is directed toward the a side surface ~~(6a)~~ or outer thread part of the respective implant ~~(6)~~.

8. (Currently Amended) The arrangement ~~as claimed in patent claim 1 of claim 6,~~ characterized in that the unit has an upper part ~~(19b)~~ which completely or partially extends over the implant's upper or other surface ~~(6d²)~~.

9. (Currently Amended) The arrangement ~~as claimed in~~ of claim 1, characterized in that, at its surface covered by the a wall of the jaw hole (2e), the implant works with body fluid accumulation in the a layer or the a gap (15) between the implant and the wall (2e).

10. (Currently Amended) The arrangement ~~as claimed in~~ of claim 1, characterized in that the implant's outer surface (6a) exposed in the initial stage extends between 20-180°, viewed in the circumferential direction of the implant.

11. (Currently Amended) The arrangement ~~as claimed in~~ of claim 1, characterized in that the implant's outer surface exposed in the initial stage extends 20-180%, viewed in the height direction (H).

12. (Currently Amended) The arrangement ~~as claimed in patent of~~ claim 1, characterized in that the unit is coated with GSS on its outer surface (6a) exposed toward the implant in the initial stage.

13. (Currently Amended) The arrangement ~~as claimed in~~ of claim 1, characterized in that the implant's outer surface (6a) exposed in the initial stage extends between 30-120°, viewed in the circumferential direction of the implant.

14. (Currently Amended) The arrangement ~~as claimed in~~ of claim 1, characterized in that the implant's outer surface exposed in the initial stage extends 30-70%, viewed in the height direction (H).

15. (Currently Amended) The arrangement ~~as claimed in patent of~~ claim 2, characterized in that two or more implants ~~which are arranged along the horizontal extent of the jaw bone in assigned jaw bone holes and are arranged in conjunction with defects or irregularities in depth and/or the lateral direction(s), and in that, in the stage of incorporation, they bone-based lateral support substantially fill-fills the jaw bone defects and irregularities and give to give the implant two or more implants a substantial substantially the same degree of~~ recessing after the stage of incorporation.

16. (Currently Amended) The arrangement ~~as claimed in patent claim 1, of claim 2,~~ characterized in that, in the case of a jaw bone greatly degenerated in the vertical direction, all the implants are given bone-based lateral supports extending substantially identically in the vertical direction.

17. (Currently Amended) The arrangement ~~as claimed in patent of claim 3,~~ characterized in that, in the case of a jaw bone greatly degenerated in the vertical direction, all the implants are given bone-based lateral supports extending substantially identically in the vertical direction.

18. (Currently Amended) The arrangement ~~as claimed in patent of claim 2,~~ characterized in that first portions ~~(6a)~~ of each implant with a greater degree of exposure than other portions ~~(6b)~~ of the implant or implants are covered with GSS with a greater or lesser degree of concentration of GSS than the other portions.

19. (Currently Amended) The arrangement ~~as claimed in patent of claim 3,~~ characterized in that first portions ~~(6a)~~ of each implant with a greater degree of exposure than other portions ~~(6b)~~ of the implant or implants are covered with GSS with a greater or lesser degree of concentration of GSS than the other portions.

20. (Currently Amended) The arrangement ~~as claimed in patent of claim 4,~~ characterized in that first portions ~~(6a)~~ of each implant with a greater degree of exposure than other portions ~~(6b)~~ of the implant or implants are covered with GSS with a greater or lesser degree of concentration of GSS than the other portions.